

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP 2004/008057

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl' G06F17/60.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl' G06F17/60, B41J29/46, B41J29/00, G06F3/12, G03G21/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model
Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette
Containing the Utility Model 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-318850 A (SHARP CORPORATION) 2002.10.31, whole document, especially column 0044, 0045, 0089, 0116-0148 (Family: none)	1-19
Y	JP 2003-016356 A (CANON INC.) 2003.01.17, whole document, especially abstract, column 0043-0082 & US 2003/018775 A1	5-11, 13-19
Y	JP 2002-281179 A (RICOH COMPANY, LTD.) 2002.09.27, whole document, especially abstract (Family: none)	7-11, 13-19
Y	JP 2002-175241 A (FUJI XEROX CO., LTD.) 2002.06.21, whole document, especially abstract and column 0032-0033 (Family: none)	12

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

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- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

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